1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/165,546C

DATE: 08/28/2003
TIME: 09:59:47

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08282003\I165546C.raw

SEQUENCE LISTING

```
 1   (1) GENERAL INFORMATION:
 2       (i) APPLICANT: Knuth, Alexader; Jager, Elke; Chen, Yao,
 3                      Canlan, Matt; Gure, Ali, Old, Lloyd, Ritter, Gerd
 5      (ii) TITLE OF INVENTION: ISOLATED PEPTIDES CORRESPONDING TO
 6                      AMINO ACID SEQUENCES OF NY-ESO-1, WHICH BIND TO
 7                      MHC CLASS I AND MHC CLASS II MOLECULES, AND
 8                      USES THEREOF
10     (iii) NUMBER OF SEQUENCES: 15
12      (iv) CORRESPONDENCE ADDRESS:
13              (A) ADDRESSEE: FULBRIGHT & JAWORSKI LLP
14              (B) STREET: 666 Fifth Avenue
15              (C) CITY: New York City
16              (D) STATE: New York
17              (E) COUNTRY: USA
18              (F) ZIP: 10158
20       (v) COMPUTER READABLE FORM:
21              (A) MEDIUM TYPE: Diskette, 3.5 inch, 144 kb storage
22              (B) COMPUTER: IBM
23              (C) OPERATING SYSTEM: PC-DOS
24              (D) SOFTWARE: WordPerfect
26      (vi) CURRENT APPLICATION DATA:
27              (A) APPLICATION NUMBER: US/09/165,546C
28              (B) FILING DATE: 10-Feb-1998
29              (C) CLASSIFICATION: 530
39     (vii) PRIOR APPLICATION DATA:
32              (A) APPLICATION NUMBER: 08/937,263
33              (B) FILING DATE: April 17, 1998
36              (A) APPLICATION NUMBER: 08/937,263
37              (B) FILING DATE: September 15, 1997
40              (A) APPLICATION NUMBER: US 08/752,182
41              (B) FILING DATE: 03-October-1996
43    (viii) ATTORNEY/AGENT INFORMATION:
44              (A) NAME: Hanson, Norman D.
45              (B) REGISTRATION NUMBER: 30,946
46              (C) REFERENCE/DOCKET NUMBER: LUD 5466.3
48      (ix) TELECOMMUNICATION INFORMATION:
49              (A) TELEPHONE: (212) 688-9200
50              (B) TELEFAX: (212) 838-3884
```

PP 1-3

Does not comply
Correction Needed

delete - already shown below with correct filing date

ERRORED SEQUENCES

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/165,546C

DATE: 08/28/2003
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Input Set : A:\pto.da.txt
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130 (2) INFORMATION FOR SEQ ID NO: 3:
131   (i) SEQUENCE CHARACTERISTICS:
132   (A) LENGTH: 32 base pairs
E-->133   (B) TYPE: nuclear acid   *nucleic acid This is a global Error*
134   (C) STRANDEDNESS: single
135   (D) TOPOLOGY: linear
136   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
138 CACACAAAGC TTGGCTTAGC GCCTCTGCCC TG   32
274 (2) INFORMATION FOR SEQ ID NO: 15:
275   (i) SEQUENCE CHARACTERISTICS:
276   (A) LENGTH: 180 amino acids
277   (B) TYPE: amino acid
278   (D) TOPOLOGY: linear
279   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15
281 Met Gln Ala Glu Gly Arg Gly Thr Gly Gly Ser Thr Gly Asp Ala
                      5   10   15   *← misaligned nos.*
E--> 282   *do not use TAB*
283 Asp Gly Pro Gly Gly Pro Gly Ile Pro Asp Gly Pro Gly Gly Asn   *codes between*
284   20   25   30   *number*
E--> 285 Ala Gly Gly Pro Gly Glu Ala Gly Ala Thr Gly Gly Arg Gly Pro   *Invalid*
286   35   40   45
287 Arg Gly Ala Gly Ala Ala Arg Ala Ser Gly Pro Gly Gly Gly Ala
288   50   55   60
289 Pro Arg Gly Pro His Gly Gly Ala Ala Ser Gly Leu Asn Gly Cys
290   65   70   75
291 Cys Arg Cys Gly Ala Arg Gly Pro Glu Ser Arg Leu Leu Glu Phe
292   80   85   90
293 Tyr Leu Ala Met Pro Phe Ala Thr Pro Met Glu Ala Glu Leu Ala
294   95   100   105
295 Arg Arg Ser Leu Ala Gln Asp Ala Pro Pro Leu Pro Val Pro Gly
296   110   115   120
297 Val Leu Leu Lys Glu Phe Thr Val Ser Gly Asn Ile Leu Thr Ile
298   125   130   135
299 Arg Leu Thr Ala Ala Asp His Arg Gln Leu Gln Leu Ser Ile Ser
300   140   145   150
301 Ser Cys Leu Gln Gln Leu Ser Leu Leu Met Trp Ile Thr Gln Cys
302   155   160   165
303 Phe Leu Pro Val Phe Leu Ala Gln Pro Pro Ser Gly Gln Arg Arg
304   170   175   180
306 25303395_1.DOC -1-

VERIFICATION SUMMARY   DATE: 08/28/2003
PATENT APPLICATION: US/09/165,546C   TIME: 09:59:48

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08282003\I165546C.raw

L:2 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:27 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:28 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:66 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:70 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:73 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:74 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:78 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:82 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:86 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:90 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:94 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:98 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:102 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:106 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:110 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:132 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=3
L:188 M:220 C: Keyword misspelled or invalid format, [(i) SEQUENCE CHARACTERISTICS:]
L:282 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15
L:285 M:330 E: (2) Invalid Amino Acid Designator, 1